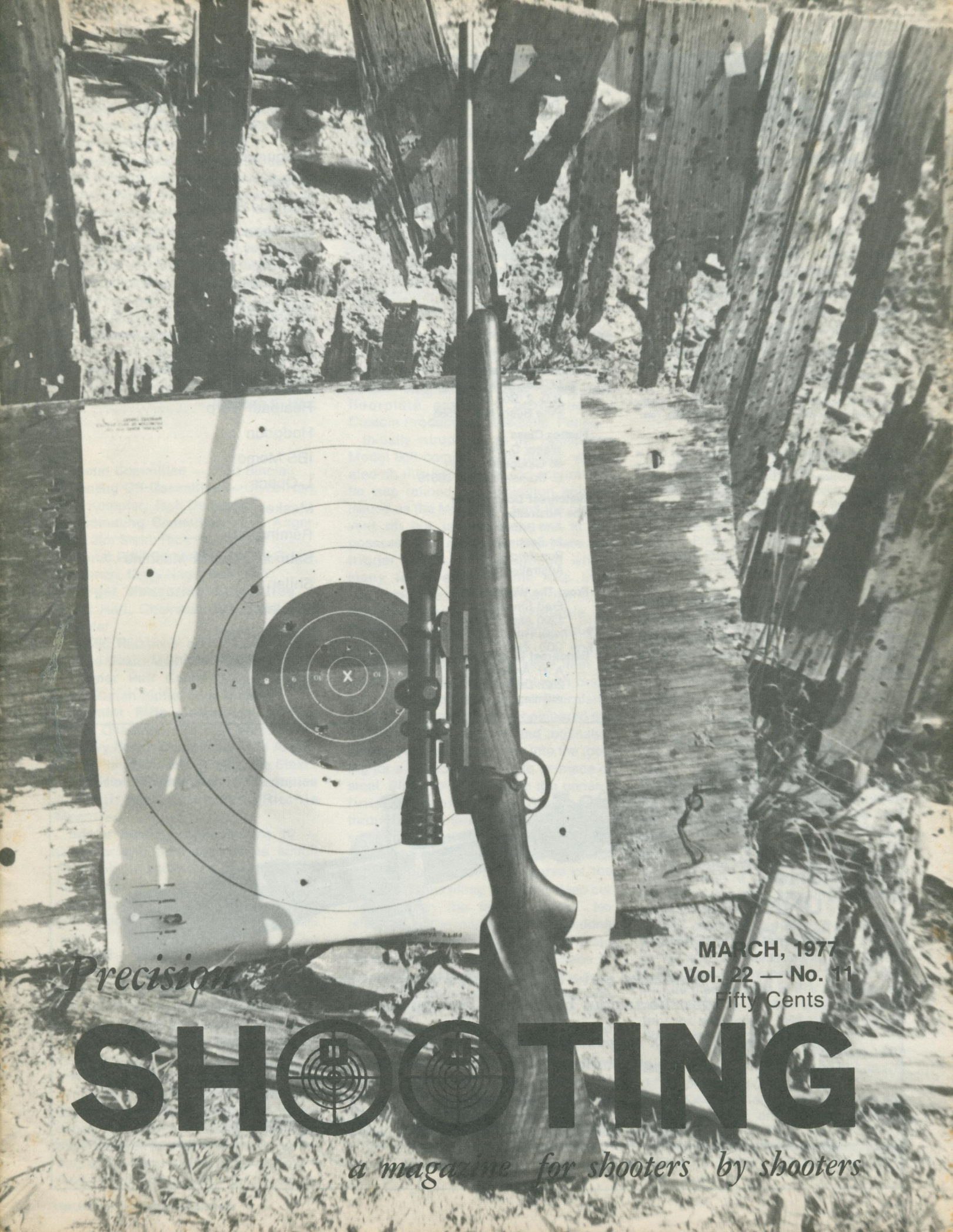




MARCH, 1977
Vol. 22 — No. 11
Fifty Cents

Precision

SHOOTING

a magazine for shooters by shooters

PRECISION SHOOTING

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NOTICE TO ADVERTISERS

PRECISION SHOOTING is printed by offset. Display copy is to be furnished by the advertiser. Advertising plates will be made from negatives, good black and white glossy prints or clear copy. Displays will be made to Advertiser's specifications. All normal composition will be set according to our own standards. Rate cards will be mailed to Advertisers on request.

The Precision Shooting back issue file awaits your request. We have recently acquired some additional back issues which will fill a few of the lower piles.

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From The Workbench

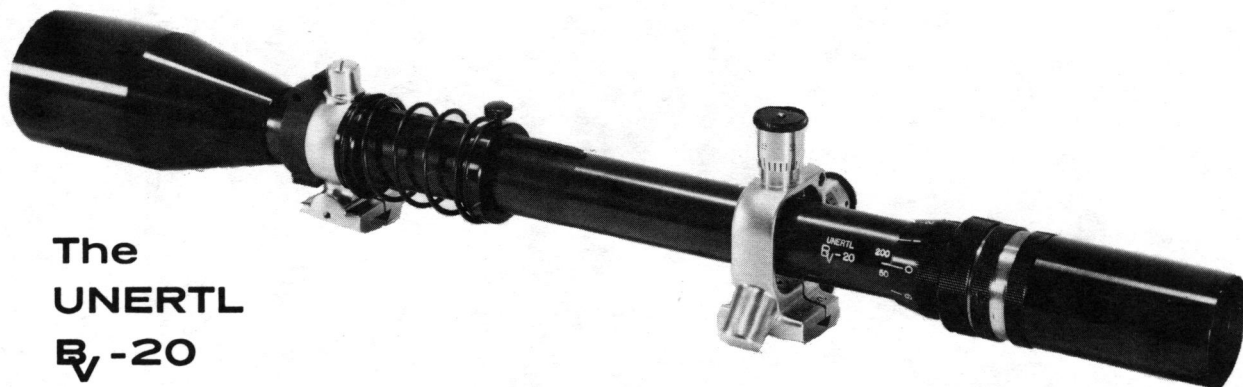
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Benchrest Headlines — 25 Years Ago

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Presidents Message

I would like to thank you for your vote of confidence and to tell you I will do all I can to be worthy of your trust.

If you have a problem, please feel free to get in touch with me or one of the Executive officers. We will do all we can to alleviate your problem.

I am including a list of all committees and the chairman of each. If you have a suggestion or idea please advise the committee chairman as he needs all the help he can get.

It was nice visiting with all my friends at the Winter Meeting. For those of you who could not attend — you missed a very enjoyable weekend.

Good Shooting,
Wallace E. Hart

Postal Committee — Fred Sinclair.

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Heavy Bench Committee — Al Angerman, Chairman, John Trella, Jim Stekl

Precision Rifleman Award Committee — Paul Hart, Chairman, Ritchie Moorhead

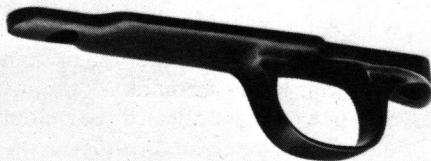
Winter Meeting Agenda Item 10 — Consider and take appropriate action concerning a better type of target paper for precise group measurement. Committee appointed to work on this and report back next year. Bob White, Chairman.

Winter Meeting Agenda Item 20 — Alter the nominating procedure for officers so that individual members have more voice in the nominations. Committee appointed to work on this and report back next year. Walter Pereira, Chairman, Carl Lynn

Winter Meeting Agenda Item 21 — Appoint a committee that would investigate ways of increasing membership attendance at the Winter Meeting and/or explore the pros and cons of changing the date of the Annual Meeting so that more membership involvement could be at-

tained. Committee appointed to work on this and report back next year. Gary Ocock, Chairman, David Kranch, Joe Higgins.

NEW PRODUCT ANNOUNCEMENT



Rifleman who have long favored the fine little 600 Remington in its three variations will rejoice over the fine all STEEL and blued trigger guard and floorplate assembly produced by Custom Products of Meadville, Penna.

Initially introduced as the Remington Model 600 complete with plastic ventilated rib this lightweight and accurate rifle was refined by Remington and reissued as the Model 660 sans the plastic vent rib but unfortunately still in full possession of its plastic floorplate and trigger guard, an appendage which many felt prevented this rifle from becoming one of the most popular hunting guns ever made available by Remington. The third and final issue to date is called the Mohawk 600 and is offered as a promotional sales item by the factory; still resplendent with original plastic trigger guard and floorplate.

Many gunsmiths having belabored the fact, Neil Jones, shooter and toolmaker of long years standing went into the tooling for a replacement unit to be made of steel. Blued to approximate the general finishes achieved by Remington throughout the three models, this unit is smooth and functional as well as pleasant to the eye. At the rear the metal has been contoured to fit the curve of the pistol grip thus filling the overly deep cut machined in the factory stocks. No alteration of the magazine need be done though the Custom Products Floorplate fits much flatter to the undersurface of the rifle than did the original plastic one. A new front guard screw is supplied with the floorplate and trigger guard unit which retails at \$24.95. Jones suggests that on some guns a slight amount of wood scraping may be necessary to let his unit drop into place but a good wood to metal fit is assured with a very minimal amount of scraping. Orders may be placed with the manufacturer or with their southwestern distributor, DIETZ GUN SHOP of P.O. Box 787, New Braunfels, Tx.



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BENCHREST SHOOTERS

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IBS Memo

IBS Targets — Charter and Life Members

100 or 200 yard benchrest targets are \$17.60 per 500. 300 yard benchrest targets are \$18.54 per 500. 100 yard hunter targets are \$12.22 per 250. 200 yard hunter targets are \$11.75 per 250.

All target orders, as usual, are figured with a 10% discount for affiliated clubs, plus handling and shipping charges.

Mail order to: Donalee Stekl, R.D. 1, Robinson Road, Mohawk, N.Y. 13407 or to R. W. Hart, Nescopeck, Pa. 18635.

The annual membership fee is \$10.00 — Life membership in IBS has been set at \$125. Apply to the recording secretary for enrollment. IBS Affiliated Club Memberships \$10.00.

New rule books now available, with minor changes — plus IBS By-Laws at \$1.00 per copy.

IBS Charter Membership Patches and regular patches are available at \$2.00 each.

When ordering **Charter Membership patches**, please indicate your 1970 Card number.



"The Editor's Hour"

As this is being typed there is snow falling outside, it is fit for very little shooting activity and we are in the middle of another energy crisis. My fire warms me and thoughts of days to come flow freely. Who would know that spring is just around the corner?

Within the framework of this horribly cold winter many of the shooters are completing plans for, or actually building, new rifles for 1977. There will be too few days remaining to get them ready and working up to expectations come warm weather. Still they will be competing with vigor as soon as that time arrives.

Our point is that we should not get caught too short and find ourselves rushing to get finished at the last minute. Take care of the details now and plan on a relaxing season. It is just ahead if we get involved in plans now. See you there.

* * *

The IBS 1977 Winter Meeting is over. The minutes are printed for you in this issue. Study them and make note of the changes which will effect you at matches. There are some and they can make a difference if you prepare now.

My first meeting of this organization was in 1973. It was interesting, as each one since has been, but 1977 has got to be one of note. From my point of view

things went much smoother this year than in previous years. Things just got done!

It appears to me that with the attitudes and interests of the meeting to carry us forward we should experience a good 1977. I sure hope so.

* * *

Last week I received a pair of the new Federal record award patches for some records that I was fortunate enough to set in 1974. As announced last month Federal Cartridge Company has set up a program to recognize records made, or broken, with their components.

The black and white picture with the news release is OK but it does not reveal the true impact of the patch. My patches are a brilliant mixture of gold, red, black and white with a bit of green. Attractive indeed, and I shall enjoy them.

To obtain one simply send verification of your record and the fact that you used their product. A match report bulletin showing the equipment sheet is good enough. Address it to Mike Bussard, Product Manager, Federal Cartridge Corp., 2700 Foshay Tower, Minneapolis, MN. 55402.

* * *

For some time now I have been using what has got to be the highest quality reloading press on the market. I have been using the Bonanza CO-AX press for almost all of my reloading, match and otherwise. There is none better.

It is heavy. It is expensive. It is bulky. It is the best there is! To find out just ask the man who owns one.

Manufactured with care and assembled to perfection this press does all that it is claimed to and then some. Offering more power than is usually needed this press runs with the smoothness ex-

pected of its high price.

A slip-in arrangement for the dies allows quick changes yet the precision is there and any 7/8-14 die can be used providing the lock ring is thick enough. Most are and Bonanza sells rings to fit at a price which is right.

The impressive part is the shellholder system. Made up to be nearly "universal" the spring-loaded holders can be adjusted for a wide range of sizes. For example I can do 222 Remington and 300 Winchester with the same end and need only change for thick rims or unusually little ones. Try to beat that with conventional tools.

One of the advertised points of this tool is that there is no accumulation of primer dirt under the shellholder. After better than a year of use I took my shellholder out to check. There was a bit of oily substance but there was no crud of any sort. Operation of the press was as smooth as when it was made, if not smoother.

Another handy gadget is the primer catcher bottle. No more primers on the floor. Tell that to the little wife and she just might buy you one for Christmas.

For more information write to: Bonanza Sports Mfg. Co., 412 Western Ave., Faribault, MN. 55021.

* * *

As this issue goes to press we have just learned that Warren Page has died. Details are incomplete but we will publish more information as soon as it arrives.

A longtime benchrest and outdoor writer he will be missed by all who came in contact with him.

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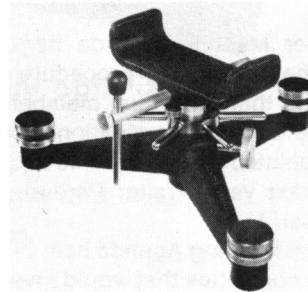
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Meet Your Officers

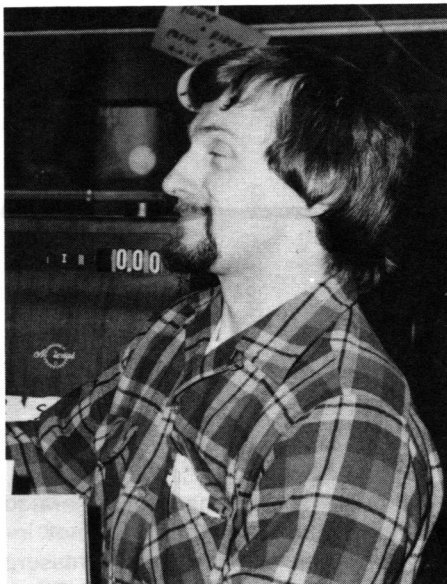
Elected by the membership, and installed at the 1977 Winter Meeting the following officers will serve you. All have indicated an interest in hearing from the membership. To reach them just look up their addresses and phone numbers in the IBS listing in any issue of Precision Shooting.



Wally Hart, President



Jim Stekl, Vice President and Match Schedule Chairman



Bob White, Second Vice President

COVER STORY

The cover picture for this month is presented from two points of view. Described as the Shilen DGA Sporter the rifle in this picture is the result of a benchrest product being adapted for the hunter rather than the usual route by which a hunting product arrives at benchrest.

As can readily be seen it is a pretty rifle. Making it into an attractive picture required only a background and some time. We share this unique exposure with you.

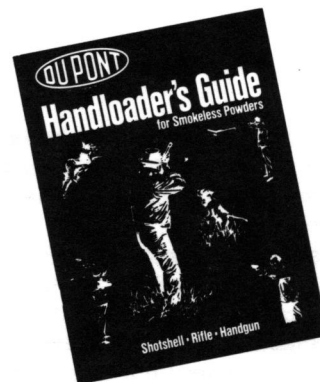
For point two we think that this rifle is worthy of a position in the cabinet of the seeker of really fine rifles. Designed around the flat bottomed action it is available in Sporter or Varminter configuration in a wide range of calibers. My sample was a 222 Remington.

Ed Shilen informs me that the same care is taken in the manufacture of these rifles as is given to the benchrest and target rifles. His standard techniques are applied with the only differences being in the use of Chrome Molly steel, the magazine slot and in lighter stocks. The rest is Shilen quality, and that is quite good.

My little rifle exhibited a desire to shoot well with factory ammunition and it appeared to respond well to reloading. Not having adequate opportunity to work with it prior to cold weather I must save the tinkering for spring, if that ever arrives.

For those who are interested the Sporter sells for \$445.00 and the Varminter for a \$20.00 bill more. Contact Ed Shilen at Shilen Rifles, Inc. 205 Metro Park Blvd., Ennis, TX. 75119.

Think of this as your "recipe book" written in a ballistics lab.



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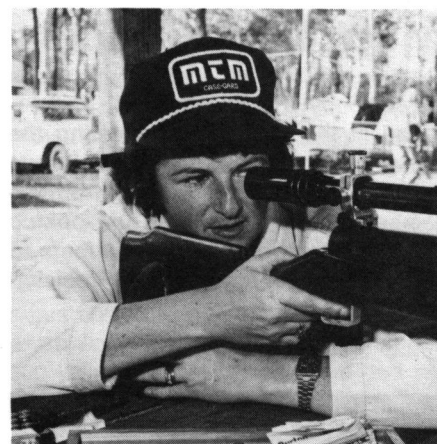
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Benchrest Down Under — The Australian Scene

Ann Brummell
24 Septimus Avenue
Punchbowl, N.S.W.
Australia 2196



Australian benchresters have six distinct classes in which to display their skills; one class for score and the other five devoted to group.

Basically the classes, with the relative specifications as defined by the Rule Book, are as follows:

1. **Experimental Benchrest Rifle:** Any rifle having a barrel not less than 18" measured from bolt face to muzzle. It must have a safely operated firing mechanism. Scope power is unrestricted and it may be fired from either restricted or unrestricted rests.
2. **Heavy Varmint Rifle:** Any rifle again with 18" minimum barrel, safe

manually and mechanically operated firing mechanism that does not include use of electricity, pressure fluid, gas or remote control. Stock width not to exceed 3" at any point and scope power is unrestricted. Total weight of rifle including scope not to exceed 13 lbs. 10 ozs. (6.2 kilograms) and it must be fired from restricted (sand bag) rests only.

3. **Light Varmint Rifle:** Same specifications and Heavy Varmint except for weight and in this class total weight not to exceed 10 lbs. 9 ozs. (4.8 kilograms) and again fired from restricted rests only.
4. **Sporting Class Rifle:** Total weight of rifle not to exceed 8 lbs. 13 ozs. (4 kilograms) and the telescopic sight restricted to 12 magnifications (variable sights must be taped on 12 or less); again the same overall specifications as Heavy Varmint and fired from restricted rests.
5. **Hunter Rifle:** Any rifle with total weight less than 10 lbs. (4.5 kilograms) including scope and the sight magnifications not to exceed 6 (variables set on 6 or less and taped). The Hunter rifle must have a magazine that will hold two or more loaded rounds of ammunition that will feed, chamber and fire but otherwise meeting Heavy Varmint rifle specifications and again fired from restricted rests only.
6. **Rimfire Benchrest Rifle:** Any rimfire rifle chambered for the .22 calibre long rifle rimfire cartridge only, that does not exceed total weight of 7 lbs. 12 ozs. (3.5 kilograms) including sight and sight magnifications restricted to 6 (variables taped) and has a stock width not exceeding 2.25" at any point, fired from restricted rests but otherwise meeting Heavy Varmint rifle specifications.

All classes of rifle must have a safe trigger system that is released by a

finger of either hand and have an adequate trigger guard.

Course of fire for Heavy, Light and Sporting is 5 x 5 at 100 and the same at 200 and Experimental 5 x 10 at each range all for group with optional Warm up target provided at each range, and at National and State Titles the Grand Aggregate is traditionally decided on these four classes. Hunter is shot at both 100 and 200 with two targets at each range of five shots each for score and again optional Warm Up target for each range. Rimfire comprises ten targets 5 x 5 at both 50 meters and 100 with optional warm ups.

The weight limits for both Light and Heavy vary by one ounce to I.B.S. Rules but this was done because Australia has become a metric country (although not a popular move according to the general buying public) and the extra ounce left us spot on a metric equivalent. Another variance with I.B.S. is the barrel dimension rules which are not present in ours and the non-existence of calibre restrictions as existing in your Sporter Class. With regard to the barrel dimensions our course of action was pursued for two reasons. The first being that if a shooter wishes a 1.25 or 1.5 diameter barrel he has to forgo some other component such as stock, barrel length or sleeving to allow the total rifle to meet the weight specifications. The second reason was the only policing required prior to or during a match was at the weighing scales and we believe this leads to a smooth kick off to events.

Calibre restrictions are foreign to Australia as there are no laws by which you must abide when hunting game. Common sense usually prevails when hunting our largest game e.g. deer, feral pigs and red kangaroo (under license only) but there is no legal reason why a .22 couldn't be the weapon. Consequently, there was no need to apply calibre restrictions to our Benchrest

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Benchrest Headlines — 25 Years Ago

by A. H. Angerman



- John Zink, industrialist from Tulsa, Okla., offered \$250 cash awards to anyone who, in 1952, broke any of the then existing world records while firing on the Tulsa or Wichita, Kansas bench rest ranges. Early records (1951) were:

5-100	0.1057"	Dinant
10-100	0.3720"	Kiser
5-200	0.3896"	Guse
10-200	0.7580"	Snyder

- Al Marcianti, top-notch shooter from Trenton, N.J., summarized technical advances made since bench rest was organized as a shooting sport. He specifically noted major improvements in the rigidity of the benches! Stock materials, wood, optics and bullets were coming along a bit better, but he moaned about the inadequacy of scope mounts, barrels, old

military junker actions, loading tools and rifle rests. He referred to the raging subject of barrel vibrations as "flip, whip, dip, nodes, anodes, tones, overtones and other phooey." Also he called a double set trigger "a throwback from the ancient Chinese stone slingers."

- Paul Dinant, San Diego, Cal. reported on experiments with a 25 Donaldson Wasp claiming it was inherently capable of finer precision than any of the 22 calibers.
- Splendid accuracy was reported from a rifle using a necked down, blown out .300 H+H magnum case with a real hefty charge of 4350 and 156 grain 7mm bullets.
- The very best 22 caliber bullets sold for just over \$2.00 per 100, 25 caliber at \$3.70 per 100.
- A heavy bench rest rifle in 1952 could

be had for as little as \$110. Itemized breakdown was:

- 1 — World War 2 Mauser action \$10.00
- 1 — Douglas barrel-chambered \$45.00
- 1 — Used Unertl 10X scope .. 40.00
- 1 — Herter's stock to fit Mauser 9.00
- Stock finish 1.50
- Scope blocks installed 4.50
- Readers, please note that heavy varmint rifle competition as we know it today didn't become "National" until 1960. Prior to this, all of the action was with unrestricted heavy guns only.
- The biggest benchrest Clubs were located at DuBois, Pa., Trenton, N.J., Johnstown, N.Y., Seattle, Wash., Oil City, Pa., Tulsa, Okla. and Custer, S.D. Most of them had no cover over the benches.

classes. As it is a generally accepted fact that most people favor scope power from 4-12 for hunting such magnifications were implemented for Sporter, Hunter and Rimfire.

The Rule Book was instigated by the late Harry Madden in consultation with Chas Brown, Herb Valerius, Bill Marden Jr., Nev Madden and Ron Marsden. Since 1972 many amendments have been made to the original format. Such actions have only been instituted after much discussion and democratic votes from all State Delegates either at or following a National Benchrest Conference which is usually held at Easter during the National Championships.

Until the next report I ask any reader who has any suggestions for discussion items to contact either myself or Ritchie Moorhead and I'll be only too happy to research them and report for the interest of all readers.

Until next time.

NEW ARBOR PRESS

Designed by Shooters

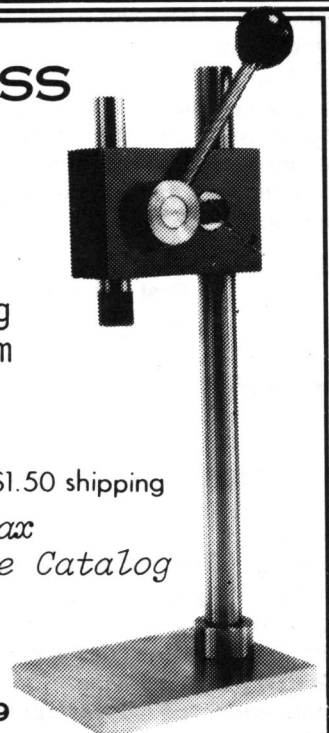
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Technical Column

M.H. Walker
Technical Editor
R.D. 1, Warren Road
Mohawk, N.Y. 13407



Glue in?

Seely Masker is just finishing a Light Varmint rifle for me. It is a Hart barreled XP100 without a sleeve. I am using a fiberglass stock and a Leupold 24X scope.

He is waiting my decision on gluing only the action into the stock. I don't know what to tell him. I would appreciate your comments on the technique.

Mr. Charles Magnante
19 Taconic Rd.
Ossining, New York

My own rifles are all now barrel glued. As you know everyone believes this type requires a long scope in order to get the best results. If you want to use a short scope the glued action would probably be the best.

My recommendations would be to glue ahead of the trigger mechanism only. Also, if you ever expect to do anything to your trigger, the stock should have small holes over the trigger mechanism pins on both sides so that the trigger can be removed. This necessitates a bolt stop mounted externally through an enlarged sight mount hole on the left side.

M.H.W.

Best Action?

I am considering getting into benchrest shooting. I am interested in the Heavy Benchrest or unrestricted class with sleeved actions.

My question is which is the best action to start with? Can you send me some technical data (I.D., wall thickness, etc.) on the Savage 112V, Remington 700, 600 and 788 actions?

What are your personal opinions and recommendations? I cannot see, or afford, some of the custom actions in the \$250.00 plus range when you can buy a short action and sleeve it for much less.

If you were to limit yourself to either

the 600 or 788 which do you consider to be the better of the pair, and why?

Mr. W. T. Howard
105 A Rugby Rd.
Newport News, Va.

The 700, 40X, 600, and XP100 all have an external diameter of 1.3600". The largest internal diameter is the 1.0625 x 16 thread for the barrel.

The 40X single shot is probably the best commercial action to start with, as it has the greatest stiffness and good length for sleeving. The next best would be the XP100 as it is also a solid stiff action. There is no choice between 700 and 600 except the shorter 700 action is probably better than the long 700. Don't forget the 722, it is good also. I do not recommend the 788 for benchrest because of its locking system and its trigger. The extra elasticity in the long lock up, with locking lugs back of the loading port, can do nothing for rigidity and accuracy. The same objection applies to any action with a rear lock up.

M.H.W.

6 X 47

I have recently had a rifle rebarreled in 6 x 47 with a .268 neck.

The Federal cases I have are .012 to .013 per side. I have turned them to .011 for proper functioning in my die. This has worked quite well.

I would like to try "fitted necks" on a few cases and would like to know what clearance the neck on the loaded round should have so that I can use the cases without sizing. I plan to turn 1/8" of the neck for an easy fit after firing so that the bullet would be held by about 1/16" at the pressure ring. I have a fair supply of Norma 203 so I will probably seat the bullets to touch and feel this arrangement would straighten any loads which are out of line.

I use Rorschach 70 gr. flatbase

bullets. What difference might I expect from Detsch 70 gr. Hollow Point Boat-tails? The bearing surface is very close to the other as near as I can tell.

One more thing. Have you tried the 220 Russian case in 7mm? I understand it holds 33 to 34 gr. of water; might this be a good cartridge for 200 and 300 yard matches on some of the windy Canadian ranges?

Mr. Robert Renn
R.R. No. 1
Vittoria, Ontario

Glad to know Federal is now making cases which can be used for the 6 x 47. Apparently neither Remington nor Winchester are interested in supplying these cases for benchrest shooters.

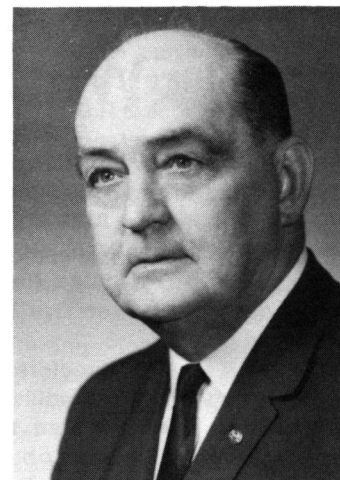
The fitted necks that I have tried on the .222 and the .222 1/2 had only about .0005" clearance on the diameter, but I think that you can use up to .001". Maintaining this clearance is difficult especially with shoulder angles of less than 30 degrees, as any brass flow into the neck is too much. It is probably better to arrange the neck with a shoulder against which the base of the bullet can sit. This can be done by either reaming or turning. It looks as though you might not have enough brass in the neck to do this. It will be a matter for trial. Let us know how you make out.

The .220 Russian could make a good 7MM benchrest cartridge if the presently available Match 7MM bullets are good enough. My own experience with the 7MM indicates that the 30 Cal Match bullets are slightly more accurate. Metallic silhouette rifles are adequate at one minute of angle and really superior at 1/2 minute of angle so the difference in accuracy between the 30 and the 7MM Match bullets is academic. At benchrest it is a different story.

M.H.W.

Single Shot Rifles

Claude E. Roderick
509 Fifth Street
Monett, Missouri 65708



From Volume 31, No. 7, November 28, 1901, page 127 of Shooting & Fishing magazine a news column "Walnut Hill (Mass.) Gleanings" by W. F. Spencer, may I quote:

"I asked Harry Pope last week if he had ever experienced any troubles in shooting new unexpanded shells in his rifles, and his answer was to the effect that no accurate shooting could be done in this manner, and that he never attempted it now.

"I have now gone the rounds of my shells several times now, and they are well expanded and hold the elevation splendidly."

HARDNESS TESTING

To ascertain accurate hardness of different mixtures of tin and lead that one makes up himself the following test was very carefully made to be used in the future as comparison (these are NOT Brinell hardness tests but very reliable, non-the-less) on my tin and lead mixtures. No antimony was used!

The POTTER LEAD HARDNESS TESTER with original factory scale using the two (2), and one (1) pound weights were used.

A Lee Production bottom pour valve (valve lift wide open) electric melting pot

was used and a lab. grade thermometer was kept in the pot at all times and the heat between 830-850° was maintained at all times.

Used a Lyman Core Mould casting plain ends of .407" diameter x .499" long for test specimens for uniformity as I have found a larger or smaller bullet will give a different reading even though they were poured from the same tin and lead mixture.

Used 97.5+ % pure sheet lead, and National Lead Company Pure Tin — all by weight accurate to within a grain.

Five (5) pounds (35,000 grains) of the sheet lead was accurately weighed out, and my powder scales were used to also weigh out the exact grains of tin to be added to the pot for each test.

In order to maintain the 35,000 grains of pure lead in the pot at all times, all specimens after testing were thrown back into the pot before adding the tin and fluxing for the next hardness. Beeswax was used in fluxing.

The 2 and 1 pound weights were left suspended on the lever for thirty (30) seconds before taking the reading. The

tenth readings other than the .5 and wholes as graduated on the scale were obtained by careful interpolating. The average shown below was taken from 8 to 11 test specimens. Only one reading on a specimen was taken as I have found that a second reading gives erratic readings.

I started by taking readings on the melted pure lead before any tin was added. The larger numbers in the first column of scale readings indicates soft, and the smaller numbers a harder reading from the Potter Scale. The second column showing ratios of the mixtures shows the tin and then the lead content:

Average of, using 2-lb. weight:

2.4 =	1:10
3.8 =	1:16
4.5 =	1:20
4.9 =	1:33
5.2 =	1:25
5.5 =	1:28
5.8 =	1:30
6.0 =	1:32
6.2 =	1:35
6.6 =	1:40
7.0 =	1:45
7.6 =	1:50
Did not use	

Average of, 1-lb. weight:

Did not use	
Did not use	
Did not use	
Did not use	
Did not use	
1.0 =	1:28
1.1 =	1:30
1.2 =	1:32
1.3 =	1:35
1.5 =	1:40
1.6 =	1:45
1.8 =	1:50
2.8 =	97.5+ %
Pure Sheet Lead	

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Unertl 2"	10"	4 oz.	\$9.00
Unertl BV 20	10"	4 oz.	\$9.00
Remington	14"	3 oz.	\$9.00
Redfield 3200	10"	2 1/2 oz.	\$9.00
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Minutes of Eighth Annual Winter Meeting

The eighth annual Winter Meeting of I.B.S. was called to order by President Jack Deming on January 8, 1977, at the Quality Inn near Allentown, Pennsylvania, at 9:15 a.m. He noted that the necessary quorum of Executive Board members was present.

Attending I.B.S. club directors were seated in a group to facilitate voting procedures during their imminent Board meeting. Present were: Bob Linn (I.W.L.A. — York), Charlie Pardoe (Sulphyr Springs), Randy Fritz (Mainville), Bob White (E.B.S.A.), Wally Hart (Council Cup), Clyde Hart (proxy for Camillus), Hugh Johnson (Johnstown), Lynn Congdon (South Creek), Jim Stekl (proxy for Ridge), and Wally Hart (proxy for C.T.B.S.).

Following welcoming remarks and announcements, a moment of silence was observed for members deceased. Past President Carl U. Lynn consented to serve as parliamentarian at Jack's request.

The minutes of last year's meeting were approved as published in P.S. In the Treasurer's absence, his report was given by proxy Clarence Detsch; and since the books were not available for audit, a motion was made by Guy Green for the Executive Board to accept an auditors' report when it's available. Hugh Johnson seconded, and Al Angerman and Bob Woolens were appointed to serve as an audit committee. The motion was voted on and carried unanimously.

Next were reports from standing committees. Benchrest committee chairman Carl Lynn reported this group's feeling re agenda Item No. 9. Guy Green reported that Hunter competition is progressing well and has increased at least 10%, mostly due to the new, more lenient rules.

New standing committees were elected. Ritchie Moorhead moved to retain the incumbent Varmint committee: Bob White, Ned Hosey, and P.J. Hart. John Trela moved that nominations be closed, Charlie Pardoe seconded, and the motion was carried unanimously. To serve on the Benchrest committee, Bob Woollens nominated Al Angerman; Tony Hidalgo nominated John Trela; and Bob White nominated Jim Stekl. It was moved to close nominations, and all three were elected unanimously. It was noted that the Hunter committee would appoint an ad hoc committee to assist in

their work. The motion was made to retain the existing committee's services, seconded, moved to close nominations, seconded, voted on and carried unanimously.

The Recording Secretary reported on membership figures and receipts of other income items — membership figure as of December 31, 1976, was 1,107. Election results were also reported as follows: Wally Hart is the new President; Jim Stekl, Vice President and Match Schedule Chairman; and Bob White, 2nd Vice President.

Clyde Hart reported that the official measuring committee (he, Jim Stekl, and Paul Kempfer) will serve to the end of 1977. Jim Stekl reported for the Awards committee that all championship trophies are now sponsored through 1979 and that the 1,000-yard trophy has been converted to a 200 & 300-yard trophy (sponsored by South Creek in memory of Bob Hart). At this point, there was discussion on Hunter classification and the possibility of resurrecting the Marksman class trophy. Bob White moved to table further action on this matter pending completion of relevant agenda items and possibly more feedback. Carl Lynn seconded the motion, and the vote was unanimously in favor. Jim then further reported that the '75 postal awards have been sent out, and the awards for '76 should be out in about a month.

P.J. Hart reported on the Precision Rifleman award, noting that he has received about half of the missing reports as published in P.S. He said that about 180 competitors have points toward the awards at this time and that four to six are eligible for one or more awards. Regarding possible assistance in the committee's work, Bob White suggested that I.B.S. furnish a form to clubs holding registered matches outlining the necessary pertinent information. It was decided that this could be handled by the Vice President & Match Schedule Chairman through an up-date of the match contract.

Fred Sinclair will continue to serve as postal committee chairman for one more year. The liaison committee, which consists of the Executive Board, will continue to function. Jack reported a balance of approximately \$1,500.00 in the Public Relations account to be used for liaison purposes.

There was no report from the "cool-

ing-off period" committee, but it was noted that the new rule book had served a trial period. Clyde Hart, Paul Kempfer, and Jack Deming were appointed to serve as the new committee.

Powder puff activity was mentioned briefly by Jack, and the existing committee will continue to serve.

New business from the floor was called for; but since there was none, the meeting was recessed for a coffee break.

The meeting of the Board of Directors was convened at 11:10 by Vice President & Match Schedule Chairman Lew Knox. He noted that agenda Item No. 13 would be treated as two separate items.

1. *Accept or reject rulebook as rewritten. It has been used for a trial period of one year.*

Hugh Johnson moved to accept the rule book as rewritten, Walt Pereira seconded, and the motion was carried with one opposing vote cast.

2. *Establish rule to forbid selling alcoholic beverages on club premises until after the days shooting is completed and include such rule on the match contract.*

Jack moved to add to the match contract that no club will dispense alcoholic beverages at a location easily accessible to the loading area or the firing line until the day's shooting is completed. Bob Linn seconded the motion, and the vote was in favor.

3. *Authorize the match schedule chairman to schedule matches for 1977 and the first 1/3 of 1978.*

Wally so moved (to authorize the match schedule chairman to schedule matches for 1977 and the first third of 1978), seconded by Charlie Pardoe, and carried. Bob White was appointed to note match dates on the blackboard. (Skip Gordon mentioned that the Super Shoot was already scheduled for May 27th through 30th, as a point of information.)

Varmint and Sporter — Mainville — August 4-7, '77

200 & 300-yd. BR, H.V., & L.V. — Stittsville — August 27-28, '77

Benchrest (Heavy Bench) Pine Tree — July 16-17, '77

Hunter — York (I.W.L.A.) — September 17-18, '77

Hunter — Jack moved to act on Item No. 5 prior to scheduling these championships. Carl seconded the motion, and the vote was unanimously in favor.

5. *Consider I.B.S. official recognition*

of 100 and 200 yd. Hunter Championship from 1976 on. (Carried over from last year.)

Walt Pereira moved to recognize 100 & 200-yard Hunter competition from 1976 on, with trophy given for aggregate of both distances, and with no rule changes. Charlie Pardoe seconded, and the motion was carried unanimously.

Hunter — York (I.W.L.A.) — September 17-18, '77

The vote was in favor of the match schedule. Doc recessed the meeting until 1:30 for lunch and also to enable the clubs to bring in other tentative match dates.

The meeting was reconvened at 1:45.

4. (Refer to Item No. 7 1976 minutes). Minimum flag size is to be spelled out as an agenda item. Cloth strips measuring 1-1/2" x 24" minimum are considered adequate. Ex. Board opinion is that if certain competitors feel the present flag situation is not satisfactory they should consider bringing their own flags. This appears to be a very popular practice in N.B.R.S.A.

Hugh moved to accept the suggested minimum size for range-supplied flags, but to omit the word "cloth" from the description. It was

also noted that shooters may bring their own flags to be placed on the range according to existing rules. Following general discussion, Hugh withdrew his motion. Carl then moved that official flags shall be of a minimum size of 1 1/2" x 24"; but that personal flags of any size, placed below the line of flight, by the competitor, will be permitted, but shall not be moved after the warm-up match, except by range personnel. Bob White seconded, and the vote was unanimously in favor. Carl also moved that the first sentence of Section 3 Q be stricken from the rule book, seconded, and carried unanimously.

6. Remove the words "Suspend Fire" and use only the words "Cease Fire" to stop firing for any reason. Section No. 4 safety (Par. E).

Clarence Detsch moved to adopt the words "Cease Fire", Charlie Pardoe seconded, and the motion was carried.

7. Change range officer command rule to re-standardize count down on cease fire as follows: 2 minutes, 1 minute, 30 sec., 15 sec., 10 sec., 5 sec., ceasefire.

Bob White moved to accept the count-down as stated in the agenda

item, and the motion was seconded and carried.

8. Instruct the current President and Officers of I.B.S. to make contact with N.B.R.S.A. leadership and attempt to establish an agreement for one, and only one set of group and Agg. records.

Carl moved to adopt this liaison activity and the current officers be so instructed. Walt Pereira seconded the motion, and it was passed with one opposing vote cast.

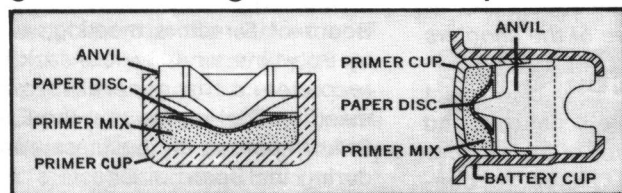
9. Combine Benchrest and Experimental classes and drop Experimental from the rulebook. Call both rifles "Bench Rest Rifle." Establish records by adopting the better of the two as they now stand. NOTE: The Benchrest Committee polled all competitors at the B.R & EXP. International Championships on combining classes. The approximate results are, 75% in favor of combining, 20% opposed, 5% undecided.

Bob White moved to accept the item as written with the modification of terminology, "Heavy Bench Rifle" instead of "Bench Rest Rifle." The motion was seconded and was carried with one opposing vote cast.

10. Consider and take appropriate action concerning a better type of

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target paper for precise group measurement.

Jack moved to have the President appoint a committee to work on this matter in conjunction with N.B.R.S.A. and report back next year. It was seconded and passed with one dissenting vote cast.

11. *Consider and take whatever action is decided concerning the use and/or sanction of trauma medical equipment at each I.B.S. sanctioned match.*

Doc moved to have a first aid kit on hand, to know where the nearest fire department and/or hospital are, and to have a telephone available (or know the location of the nearest phone). Bob White seconded the motion, and the vote was in favor.

12. *Revise current rule for early or late shots to provide a penalty rather than disqualification.*

Carl moved to discuss this item with No. 14, seconded, carried.

14. *Eliminate disqualification rules and replace them with M.O.A. Penalty rules.*

Jack moved to continue as rule book presently states concerning Items 12 and 14. Carl seconded the motion, and the vote was in favor.

At this time, the meeting was recessed for a short break. It was reconvened at 3:30 with a continuing report by P.J. on the Precision Rifleman award. He noted that 181 competitors presently have points toward the award and that four already qualify for an award or awards. Those four are Myles Hollister with 30 points, Jim Stekl with 41, Jack Deming with 54 (all three for the bronze award), and himself with 85 points (qualifying for both the bronze and the silver awards).

13. *Revise our rulebook to require the removal of all bolts from rifle except between the appropriate commands given by the range officer and allow rifles to be placed on rests between relays.*

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vote was in favor of the motion.

20. *After the nominating procedure for officers so that individual members have more voice in the nominations.*

Walt Pereira moved to refer this item to a committee appointed by the President, to report back at next year's meeting. The motion was seconded and passed.

21. *Appoint a committee that would investigate ways of increasing membership attendance at the Winter Meeting and/or explore the pros and cons of changing the date of the Annual Meeting so that more member-Agg. record, 100 & 200 yd. Grand. Agg. record.*

Walt Pereira moved to accept the new records, Bob White seconded, and the motion was voted on and carried. Bob also moved that this would include the first 200-yard registered match held, Walt seconded, and the vote was in favor.

16. *(Submitted by Hunter committee). Under Hunter Rifle Rules No. 5 "Classification" Change item (B) to read as follows: Any competitor firing in competition shall be in the class that he fires in that match. Eliminate No. 3 (B), No. 5 (C), (D), (E), and (F).*

Randy Fritz moved to accept this item as written, Charlie Pardoe seconded; and the vote was two in favor, two opposed, and eight abstentions. Doc sent it back to the Hunter committee for further study.

17. *Alter method of Postal Match team selection to the following: Team members to be selected at State Championships in an attempt to get a better cross section of shooters which, in turn, would promote more I.B.S. registered State Shoots and increase the incentive of the shooters to attend such shoots.*

Clarence Detsch moved to reject this item, Bob White seconded, and the vote was in favor of the motion.

18. *For a one year trial period, recognize and sanction Varmint class matches shot for score on Hunter class targets.*

Carl moved to adopt this item, noting that there would be no I.B.S. rules or registration. Jack seconded, and the motion was carried.

19. *Endorse the efforts of the Trans-Continental Hunter League and restore Hunter, caliber and case requirements to those prior to the "open caliber" trial period of 1976.*

Charlie Pardoe made a motion to remove this item from the agenda, Doc Garcelon seconded, and the

Clarence Detsch moved to accept the first part of this item, keeping bolts out until the target detail returns from the target area. Walt Pereira seconded the motion. The vote was five in favor, six opposed, and two abstentions — defeated. Bob White moved that the second part of this item be stricken from the record and disallowed, seconded by Randy Fritz, and the vote was in favor of the motion.

15. *(Submitted by Hunter committee). Establish the following new records for the Hunter Rifle Class: 200 yd. ship involvement could be attained.*

Jack moved to poll the general membership to determine whether this item should be discussed. Walt seconded, and the motion was approved. 21 voted in favor of discussion and nine voted against. Walt then moved to have the President appoint a committee to report back, Bob White seconded, and the motion was carried.

22. *Have Host Clubs publish, in Precision Shooting, the cost of International Championship matches and directions for locating the ranges.*

Clarence Detsch moved to approve this item, Bob White seconded, and there were eight votes in favor and two opposed — carried.

23. *Hold referee schools at the Varmint Championships so that more members can become familiar with referee duties and responsibilities.*

Bob White moved to reject this item, Walt seconded, and the motion was passed.

Bob White moved to adjourn the Board of Directors meeting, seconded by Bob Linn, and carried. Jack Deming reconvened the general membership meeting. Carl moved that the Executive Board approve the business transacted during the Board of Directors' meeting, Doc Garcelon seconded, and the vote was unanimously in favor of the motion.

Doc Knox reconvened the Board of Directors' meeting to vote on the tentative match schedule. After reading off the dates, Jack moved to approve the schedule, seconded, and carried.

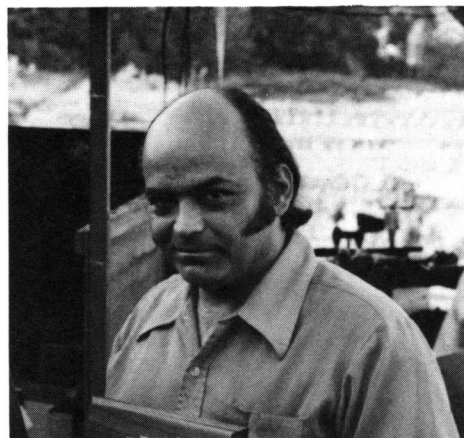
Charlie Parode moved to adjourn, seconded, voted on and passed. The meeting was adjourned at 5:15 p.m.

Respectfully submitted,
Donalee B. Stekl
Recording Secretary

From The Workbench

by Fred Sinclair

Please direct all questions to:
Precision Shooting "Workbench," Box 6, Athens, Pa. 18810
No individual answers will be given to workbench questions.



My M70 varmint rifle, which is a 220 Swift, is in need of a new barrel.

I want to stay with the 220 Swift case but would like to have a tight neck chamber like the benchrest shooters use.

Can you tell me who could do this chambering for me?

Quite frankly, I hope that no one will do it for you. I can't think of any caliber that is less suited for the tight neck chambering. The people who use the tight necks are most generally working with chamber to case neck clearances of about .0002. The way that brass "flows" on the Swift you could encounter zero clearance after one firing. After the next firing you might be ready for your wings and harp.

Please don't try it!

* * *

I've been reading a lot about "glue-in" type receiver bedding. Is it really better than conventional bolt-in bedding?

I honestly feel that the conventional bedding method is the best way to assemble a rifle. However, it must be properly maintained and the shooter must not get over zealous on the screws. The "glue-in" type bedding does have its advantages. It is easier to get a near perfect fit, the shooter doesn't have to worry whether a shot out of the group was caused by bedding problems and it can prove to be a weight savings on the lighter class benchrest rifles.

The "glue-in" type bedding is a good choice for those shooters who aren't "mechanics" and don't want to get into the do's and don'ts of bedding maintenance.

* * *

I have seen different manufacturers advertise a tool used for removing the

burr from the inside of a cartridge case flash hole.

I have discussed the merits of such a tool with some of my reloading buddies and we are wondering if it is a worthwhile operation. Wouldn't the burrs be consumed after the first firing?

You can easily answer your own question by taking 10 or 12 discarded cases that have been fired; cut them open and take a look.

It is a worthwhile project that you will enjoy and I'll bet you that you can't stop at 10 or 12. It can be a very informative project.

Deburring the flash hole will produce benefits. It will not only remove the burrs, caused in manufacturing, but will chamfer the hole with a slight lead that will help guide your reloading die pin.

* * *

I am planning on building a benchrest rifle and I want to use one of the XP-100 actions.

I have been looking in all the local

shops for a used XP-100 but have had no luck.

Where do all the benchrest shooters get the XP-100 actions? I'm told that Remington will not sell actions.

You have been correctly informed — Remington will not sell stripped actions.

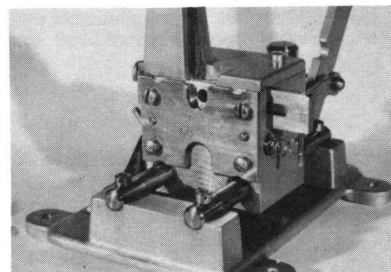
The reason is simply because of the liability problems that could develop.

They do, however, sell barreled actions and this is the way most rifle builders acquire the XP-actions.

Any FFL holder can order the XP-100 barreled action direct from the factory or have your local gunsmith get one for you.

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As of January 1st, 1977

SINGLE GROUPS	EXPERIMENTAL	HEAVY BENCH REST RIFLES	HEAVY VARMINT	LIGHT VARMINT	SPORTER	3 GUN SPORTER & VARMINT AGGREGATE
5-100		.063" Zeiser 8/30/58	.0816" T.J. Jackson 5/27/74	.077" C. Fountaine 9/20/75	.077" E. Thompson 8/30/73	
5-200		.161" D. Pickens 7/15/67	.192" Gillman 6/24/64	.236" F. James 8/7/69	.259" L. Hunt 7/5/69	
5-300 Meter		.605" Gottschall 5/9/65	.787" Bassett 10/6/68	.887" D. Hall 5/30/69	.817" D. Kiel 5/30/69	
5-300 Yard			.541" R. White 9/1/74	.699" N. Dixon 9/5/76		
10-100		.138" F. Pindell 8/27/69				
10-200		.298" Miller 7/20/68				
10-300 Meter		.918" Rinehart 8/30/57				
10-300 Yard	.813" J. Reynolds 9/1/74	.900" A. Cupo 9/1/74				
AGGREGATES — MOA						
5-5-100		.1852 Berger 9/24/66	.2134" W. Berger 5/27/74	.2390 M.H. Walker 9/20/75	.2306 Deming 8/19/73	
5-5-200		.2290 Engelbrecht 11/4/67	.2335 A. Bench 10/9/75	.2151 J. Fry 10/12/75	.2966 J. Fry 10/12/74	
5-5-300 Meter		.3547 Demoise 5/14/66	.4640 Mick 5/7/67	.5527 T. Seitz 6/22/68	.4898 W. Dunn 5/30/69	
5-5-300 Yard			.4043 R. Moorhead 9/1/74			
5-10-100		.2278 Cornelison 10/22/66				
5-10-200		.2496 E. Walker 8/11/62				
5-10-300 Meter		.5105 A. Angerman 6/1/69				
5-10-300 Yard						
GRAND AGGREGATES — MOA						
5-5 (100 plus 200)		.2275 Carden 11/4/67	.2491 Suchan 6/26/65	.2293 J. Fry 10/12/75	.3102 J. Deming 8/19/73	.3093 C.B. Womack 10/9-10/76
5-5 (200 yard plus 300) Meter		.3639 P. Gottschall 5/9/65	.4703 Kiel 10/6/68	.5000 T. Seitz 6/22/68	.5469 W. Dunn 5/30/69	
5-5 (200 plus 300) Yard	.4605 J. Eaton 9/3-4/76		.4383 R. Moorhead 8/31-9/1/74			
5-10 (100 plus 200)		.2563 Roberts 8/11/62				
5-10 (200 Yard plus 300) Meter		.4627 A. Angerman 6/1/69				
5-10 (200 + 300) Yard						

HUNTER SCORES

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9/16/72

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R. Guinther
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**EBSA UNREGISTERED
MATCH REPORTS
HEAVY VARMINT AND HUNTER**

October 9, 1976

This was a terrible night to be out anywhere, much less down at the range, but we have several stouthearts in our midst who showed up for our first Winter League Match despite the tornado warnings in effect.

Top Three — Heavy Varmint

1. Bob White 4508
2. Bob Young 4980
3. Ron Rosen 5342

Top Three — Hunter

1. Lester Burns 246-3X
2. John Trela 243-8X
3. Bob White 242-5X

Nov. 13, 1976

The rest of us cowards showed up for this Match as conditions were much improved — to which the following scores will attest:

Top Three — Heavy Varmint

1. Ted Witkowski 3390
2. Ed Knobloch 3422
3. Dan Platkus 3604

Top Three — Hunter

- 1st Master Bob White 248-9 X

- 2nd Master Lester Bruno 245-12X
- 3rd Master Mike Kleiman 242-9 X
- 1st Hunter Milan Skodacek ... 248-11X

These are some really outstanding scores. Take note of the following:

In HV, the top five of eighteen competitors all had aggs under .400 (First Place for October was .4508). Also notice in our Hunter Match, our Marksman shot a Hunter Score, all 3 Hunters qualified with Master scores, and had this been a Trans-Continental League Match, we would have turned up a very respectable 1222-45X.

Dec. 11, 1976

We only had a moderate turnout this evening. Conditions were excellent as temperatures weren't too low. No one missed the winds, except possibly John Trela who was using his new wind direction and velocity machine.

It looks as if Ted Witkowski has been doing his homework again as he took 1st Varmint again. Also we had some handsome Hunter Scores and the top HV scores were all under .331.

Top Three — Heavy Varmint

1. Ted Witkowski 2790

2. Charlie Dzugan 2794
3. Ron Whitaker 2936

Top Three — Hunter

1. John Gustavsen 247-10X
2. Jim Domin 244-5 X
3. Bob White 243-8 X

January 8, 1977

Top Three — Heavy Varmint

1. C. Massakowski 2008
2. Ted Witkowski 3092
3. Dan Platkus 3542

Top Three — Hunter

1. Milan Skodacek 250-10X
2. John Gustavsen 241-8 X
3. Mike Kleiman 240-8 X

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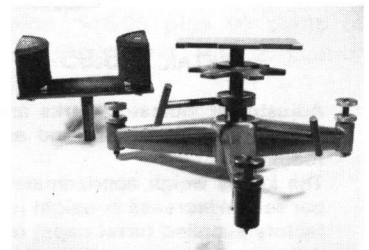
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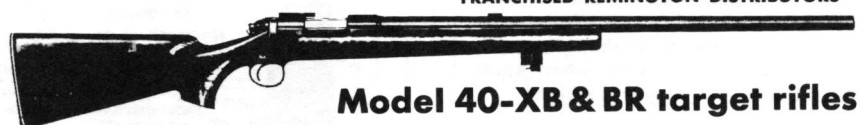
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**1975 International
Postal Match Results
by Fred Sinclair
Postal Chairman**

Canada's light varmint team, led by C. Womack, scores the Lowest team aggregate for 1975 in any class.

Heavy Varmint class was won by the United States team with P.J. Hart as the team leader.

Heavy Bench class also went to the United States team with John Trela as the team leader.

Team aggregates were as follows:

**TEAM LIGHT VARMINT
1st Place — Canada**

C. Womack	.3419
B. Forslund	.3464
W. Wainborn	.3534
J. Lott	.3790
A. Bulman	.3901
	.3621

2nd Place — United States

P. Hart	.3320
F. Johnson	.3756
L. Euber	.3790
F. Sinclair	.3795
J. Matyas	.3871
	.3706

3rd Place — Australia

A. Smith	.3223
T. Brummel	.3433
A. Brummell	.3986
J. Starkey	.4432
J. Shelley	.4577
	.3930

**TEAM HEAVY VARMINT
United States**

P. Hart	.3517
J. Hollister	.3625
C. Detsch	.3635
E. Pazienza	.3723

J. Stekl 3796

.3659

Canada

C. Womack	.3419
N. Uno	.4107
J. McCracken	.4403
S. Zibresky	.4434
B. Forslund	.4559

.4256

Australia

A. Smith	.4080
M. Marsden	.4425
K. Kuehn	.4594
T. Smith	.4714
J. Anthony	.4930

.4548

**TEAM HEAVY BENCH
United States**

J. Trela	.4102
H. Culver	.4287
J. Mackert	.4491
B. Woolens	.4547
E. Ferguson Jr.	.4587

.4402

Canada

B. Forslund	.4370
N. Uno	.4440
A. Forslund	.4532
A. Bulman	.5124
J. Hutchison	.5221

.4737

Australia

M. Marsden	.4593
R. Marsden	.4769
W. Marden Jr.	.4856
R. Carnell	.4909
T. Brummel	.5008

.4827

Team members, with the exception of the U.S.A., are selected from state shoots held within each country.

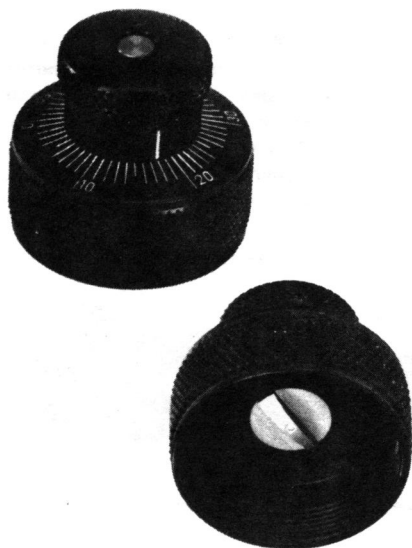
To qualify for a spot on his team, a shooter must first shoot well enough to win or place well, in a state shoot to be selected as a team member.

The U.S.A. team members are selected from the I.B.S. Championships.

There is presently a proposal before the I.B.S. directors to alter the U.S.A. team selection so that U.S.A. team members will also be selected from state championship. This item will be voted on at the 1976 winter meeting. (Ed. note: See IBS minutes for action on this item.)

The International Postal Match competition is not limited to just a select few. It is competition open to **any** individual shooter in his respective country. A shooter has only to attend the designated matches to attempt to qualify for

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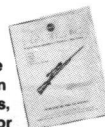
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his country's team.

It is an achievement not to be taken lightly. These teams represent every bench rest shooter in each competing country.

The Postal Award committee feels that the Postal Matches are taken too lightly here in the U.S.A. and urges every shooter to give some thought to the prestige earned by being able to just

qualify for the U.S.A. team.

With the sport being worldwide a shooter is competing for not only a state or national championship but, in reality, it is truly an International Championship.

Give it some thought, shooters. It is quite an accomplishment.

The Postal Award committee invites your comments and suggestions.

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EQUIPMENT — CANADA

Light Varmint

Name	Cal.	Action	Barrel	Scope	Gunsmith	Stocker	Load	Bullet
C. Womack	222	Slv.Rem.	McM.	Lyman	Fry	Fry	24-748	McC. 53
R. Forslund	6x47	Rem.	Hart	Lyman	Forslund	Forslund	24.5-4895	McC. 70
W. Wainborn	222	Rem.	McM.	Lyman	Fry	Fry	20.7-RL7	Fry 53
J. Lott	222	Rem.	McM.	Lyman	Fry	Fry	19.8-RL7	Nos. 52
A. Bulman	222	Rem.	McM.	Rem.	Fry	Rem.	25-748	Own 52

Heavy Varmint

C. Womack	222	Hart	McM.	Redf.	Fry	Hart	24.9-748	McC. 52
N. Uno	222	Rem.	McM.	Lyman	Uno	Uno	26-748	Own 52
J. McCracken	222	Slv.Fn.	—	Unert.	—	McC.	20.3-4198	McC.
S. Zebresly	222	Rem.	Rem.	Lym/Si.	—	—	20-4198	McC. 51
R. Forslund	222	Slv.Rem.	Hart	Leupold	Self	Self	26.3-748	Own 52

Heavy Bench

R. Forslund	222	Rem.	Hart	Un.24X	Forslund	Hart	21.1-RL7	Own 52
N. Uno	308	Rem.	Hart	Redf.	Self	Self	39-3031	Si. 168
A. Forslund	308	Rem.	Hart	Buzo	Forslund	Forslund	47-H380	Si. 168
A. Bulman	222	Hart	McM.	Un24X	Uno	Hart	19.7-4198	Own 52
J. Hutchinson	308	Slv.Rem.	Hart	Redf.	Hart	Hart	—	Si. 168

EQUIPMENT — UNITED STATES

Light Varmint

Name	Cal.	Action	Barrel	Scope	Gunsmith	Stocker	Load	Bullet
P. Hart	222	Slv.Rem.	Hart	Lyman	C&P Hart	C&P Hart	25.8-748	Nos. 52
F. Johnson	222	Rem.	Atkin.	Lym/Si.	Self	Self	21.5-4198	Jak 51
L. Euber	6x47	Rem.	Rem.	Lym/Si.	Butler	Rem.	24.4-4198	Det. 70
F. Sinclair	222x35	Slv.Rem.	Shilen	Siebert	Self	Self	25-748	Own 54
J. Matyars	6x47	Rem.	Hart	Leupold	Hart	Self	25-N205	Own 70

Heavy Varmint

P. Hart	222	Slv.Rem.	Hart	Lyman	C&P Hart	C&P Hart	25.8-748	Nos. 52
J. Hollister	222	Slv.Rem.	Hart	Redf.	C&P Hart	C&P Hart	24.5-201	Det. 57
C. Detsch	222	Detsch	Hart	Lyman	Detsch	Detsch	748	Det. 55
E. Pazienza	222	Rem.	Hart	Lyman	C&P Hart	Self	24.5-H335	Rem. 52
J. Stekl	222	Rem.	—	Un 2"	—	—	24 BLC	Rem. 52

Heavy Bench

J. Trela	308	Rem.	Hart	B&L	B.White	B.White	40-RL7	Si. 168
H. Culver	N.A.	—	—	—	—	—	—	—
J. Mackert	—	Hart	Hart	—	R.W. Hart	R.W. Hart	—	—
B. Woollens	222M	Rem.	Hart	Lyman	R.W.Hart	Self	23-4198	Det. 53
E. Ferguson Jr.	N.A.	—	—	—	—	—	—	—

EQUIPMENT — AUSTRALIA

Light Varmint

Name	Cal.	Action	Barrel	Scope	Gunsmith	Stocker	Load	Bullet
T. Smith	222	Shilen	Shilen	Lyman	Millar	Self	4198	McC. 53
T. Brummell	6x47	Rem.	McM.	Lyman	PSECO	McM.	23.5-4198	McC. 70
A. Brummell	6x47	Rem.	McMillan	Lyman	PSECO	McM.	23.5-4198	McC. 70
J. Starkey	222	Rem.	Douglas	Lyman	Marden	Self	20.5-4198	Si. 52
J. Shelley	6x47	Rem.	McMillan	Lyman	PSECO	Self	4198	McC. 70

Heavy Varmint

T. Smith	222	Shilen	Shilen	Lyman	Millar	Self	4198	McC 53
M. Marsden	308	Rem.	Hart	Rem.	RJM.	PSECO	3031	Si. 168
K. Kuehn	222	Rem.	Hart	Rem.	Marden	Mersch	20.5-4198	Rem. 52
T. Smith	6x47	Shilen	Shilen	Leupold	Millar	Self	4198	McC. 70
J. Anthony	222	Rem.	Douglas	Lyman	Marden	Marden	748	McC. 53

Heavy Bench

M. Marsden	222	Rem.	Hart	Lyman	RJM	RJM	4198	Si. 52
R. Marsden	22/45	Rem.	Douglas	Lyman	Marden	RJM	23.5-4740	Rem. 52
B. Marden Jr.	222	Rem.	Douglas	Marden	Marden	Marden	4198	Rem. 52
R. Carnell	22/45	Rem.	Douglas	Lyman	Marden	RJM	23.5-4198	Rem. 52
T. Brummell	222	Rem.	McMillan	Lyman	PSECO	Self	—	—

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New Jersey State
Championship, IBS Registered
Heavy Varmint and Light Varmint
100 yards only
September 11, 1976

An excellent crowd was on hand for this match. There were 52 Heavy Varmint shooters, 41 Light Varmint competitors and 26 Hunter class. From reports reaching this desk the event went well and a good time was had by all.

In Heavy Varmint competition the top five were:

1. Joe Vinci 3888
2. Geza Nagy 4248
3. John Eaton 4272
4. Lester Bruno 4388
5. William Brawand 4408

Light Varmint results were:

1. Richard Czarkowski 3750
2. John Yanosey 3916
3. Joe Vinci 4254
4. Skip Gordon 4332

When the tally was made the top five for the Two Gun Aggregate were:

1. Joe Vinci 4071
2. Richard Czarkowski 4124
3. John Yanosey 4171
4. John Eaton 4636
5. Bob Adamowicz 4675

For winning the Heavy Varmint competition Joe Vinci won the Central Exterminating trophy donated by Walter Pereira's company.

His capturing of the Two Gun Aggregate put him in possession of the Vail-Wilson Cup which was donated by Dr. Lou Palmisano in 1975. Joe took home a



Joe Vinci is holding his many trophies from the New Jersey State Championship match. Joe captured the Heavy Varmint with a .3888 and the Two Gun Aggregate with .4071.



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lot of hardware that weekend. Congratulations Joe.

The Light Varmint trophy which Richard Czarkowski won for his fine efforts was donated by Shilen Rifles in 1975 and it is a very desirable prize as well. Our best to Dick for this win.

In other Englishtown activity the State Championship Hunter Match was held on October 2, 1976. Twenty six shooters took part in that event.

The top 5 in Master were:

- 1. Geza Nagy 248-8 X
- 2. Bob White 248-6 X
- 3. John Trela 247-11X
- 4. Mike Williams 247-7 X
- 5. John Yanosey 246-12X

The top 5 in Hunter were:

- 1. Lester Bruno 243-5 X
- 2. Bernard Williams 243-5 X
- 3. Randall Fritz, Sr. 243-4 X
- 4. Ted Witkowski 242-5 X
- 5. Willi Sahler 241-4 X

Dom Gagliostro was listed as first Marksman with 225-6X.



Richard Czarkowski was the winner of the Shilen Trophy for his Light Varmint win with an aggregate of .3750.

Englishtown Benchrest Shooters winter match dates

Since the Englishtown dates were not available when the winter match schedule was printed we are including them here.

Hunter matches will be held on the 2nd Saturday of each month.

Varmint matches will be held on the 4th Saturday.

We hope that you can make a few of these matches.

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New Jersey State Varmint Championship 1976

EQUIPMENT LIST

Heavy Varmint	Cal.	Ri.-Bbl.	Scope	Bullet	Load	Primer	Case
1. Joe Vinci	6X47	Hart	24X	Detsch	—	Fed.	Rem.
2. Geza Nagy	308	Rem.-SLV	Ly-Sieb.	Sierra	40GR		
3. John Eaton	6PPC	Hart	30X	168GN	RL-11	Fed.	Fed.
4. Lester Bruno	222	Stolle	Ly-Sieb	Culver	27GR		
5. W. Branand	222	McMillan	30X	70GN	RL-11	Fed.	Sako
		Hart 1A	Lyman	Rem.	20.5GR	Rem.	Fed.
		Hart	20X	52GN			
		Rem.	—	Detsch	23.8GR	Rem.	Rem.
		Hart		52GN			
Light Varmint							
1. R. Czarkowski	6X47	Rem.	Lyman	Detsch	23.5GR		
		Hart	24X	70GN	4198	Rem.	Rem.
2. John Yanosey	6X47	Rem.-SLV	Leupold	Nosler	24GR		
		Hart	24X	70GN	RL-7	Rem.	Rem.
3. Joe Vinci	222	Rem.	20X	—	—	Fed.	Rem.
		Hart					
4. Skip Gordon	6X47	FFV	Lyman	Detsch	24.7GR		
		Hart	20X	70GN	RL-7	CCI	Fed.
5. R. Adamowicz	222	60FF	VN	—	—	—	—
			60				
Hunter							
1. Geza Nagy	308	Rem.	Lyman	168GR	47.4GN		
		Hart	6XP	Sierra	760	Fed.	Win.
2. Bob White	308	Rem.	Weaver	168GR.	48.8GN		
		Garrot	6X	Sierra	760	Fed.	Fed.
3. John Trela	308TN	Rem.	Weaver	168GR	52GN	Fed.	Fed.
		Hart	6X	Sierra	760		
4. Michael Williams	308	Rem.	Leupold	168GR	39GN		
		Hart	3.5X10	Sierra	4064	Rem.	Rem.
5. John Yanosey	308	Rem.	Lyman	168GR	37		
		Hart	6X	Sierra	3031	CCI	Win.

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(Tentative) I.B.S. Varmint & Heavy Bench Rifle Match Schedule — 1977

May 7	Englishtown BRSA	HV 40X Rem., match, 100 yds. only, 9:00 a.m.
May 14-15	Camillus	HV-LV
June 4-5	Mainville	HV, LV, 100 and 200 yard
June 11-12	Council Cup	HV-LV & HB — 8:30 a.m.
June 18-19	Pine Tree	HV-HB & Donaldson match
July 2-3	South Creek	HV-LV Penna. State Varmint Championships
July 16-17	Pine Tree	International H.B. Championships HB (HV also?)
July 23-24	Council Cup	HV—LV, SP
August 4-7	International Varmint Championships	HV—LV, & SP
August 20-21	Camillus	HV — LV, N.Y.S. Varmint Championships
August 27-28	Stittsville	International 200-300 yd. Championships HV — LV, & HB
Sept. 3-4	Council Cup	HV (100 & 200 yds.?) score shoot & Pennsylvania State Hunter Championships
Sept. 10	Englishtown BRSA	HV — LV, 100 yds. only, 9:00 a.m., N.J. State Championships

(Tentative) IBS Hunter Match Schedule — 1977

April 3	Sulphyr Springs	100 yds. — 12 Noon
April 17	York (I.W.L.A.)	100 yds. — 12 Noon
April 24	Central Penna. Rifle Club	100 yds.
May 1	Sulphyr Springs	100 yds. — 12 Noon
May 8	Saginaw Field & Stream	100 yds.
May 15	York (I.W.L.A.)	100 yds. — 12 Noon
May 22	Mainville	100 yds. — 12 Noon
May 22	Saginaw Field & Stream	100 yds.
May 29	Central Penna. Rifle Club	100 yds.
June 5	Mainville	200 yds. & H.V score shoot — 12 Noon
June 12	Saginaw Field & Stream	100 yds.
June 19	York (I.W.L.A.)	100 yds. — 12 Noon
June 26	Sulphyr Springs	100 yds. — 12 Noon
June 26	Saginaw Field & Stream	100 yds.
July 10	Mainville	100 yds. — 12 Noon
July 10	Saginaw Field & Stream	100 yds.
July 17	York (I.W.L.A.)	100 yds. — 12 Noon
July 24	Sulphyr Springs	100 yds.
July 24	Saginaw Field & Stream	100 yds.
July 31	Central Penna. Rifle Club	100 yds.
August 13	Englishtown BRSA	N.J. Championship 100 yds. 3:00 p.m. on
August 14	Mainville	200 yds. Hunter, plus any Varmint Rifle — 12 Noon
August 14	Saginaw Field & Stream	100 yds.
August 21	York (I.W.L.A.)	County Championships 100 yds. — 12 noon
August 28	Central Penna Rifle Club	100 yds.
August 28	Saginaw Field & Stream	100 yds.
Sept. 3-4	Council Cup	Penna. Championships 100 & 200 yds. and H.V. score shoot
Sept. 11	Augusta, Maine	100 yard Hunter — State Championship
Sept. 11	Mainville	200 yds. — 12 Noon
Sept. 11	Saginaw Field & Stream	100 yds.
Sept. 17-18	York (I.W.L.A.)	International Championships 100 & 200
Sept. 25	Central Penna Rifle Club	100 yds.
Sept. 25	Saginaw Field & Stream	100 yds.
Oct. 2	Sulphyr Springs	100 yds. — 12 Noon
Oct. 9	Augusta, Me.	200 yd. State Championship
Oct. 9	Mainville	100 yds — 12 Noon
Oct. 16	York (I.W.L.A.)	100 yds. — 12 Noon
Nov. 6	Mainville	100 yds. plus any Varmint Rifle — 12 Noon